

FIG.1

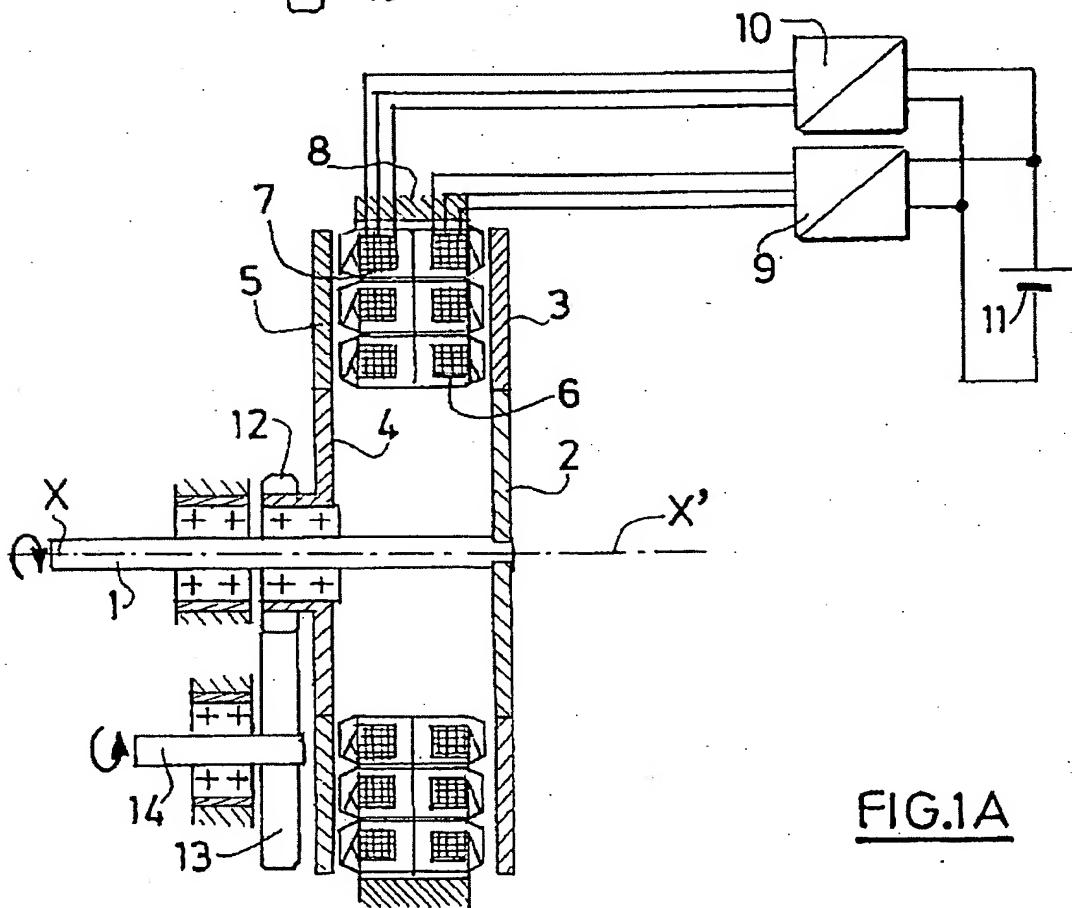
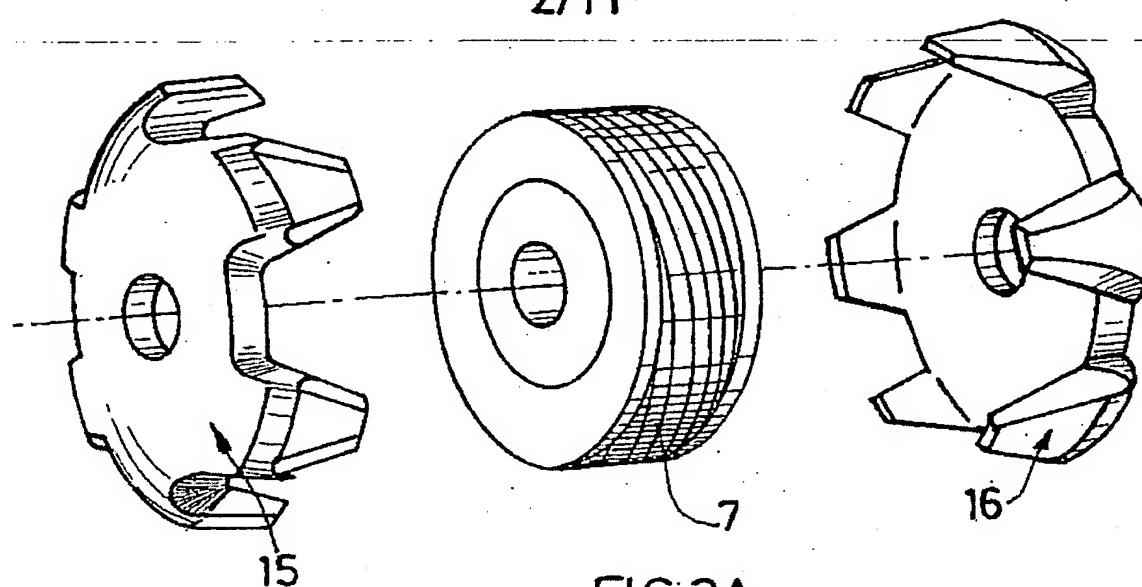
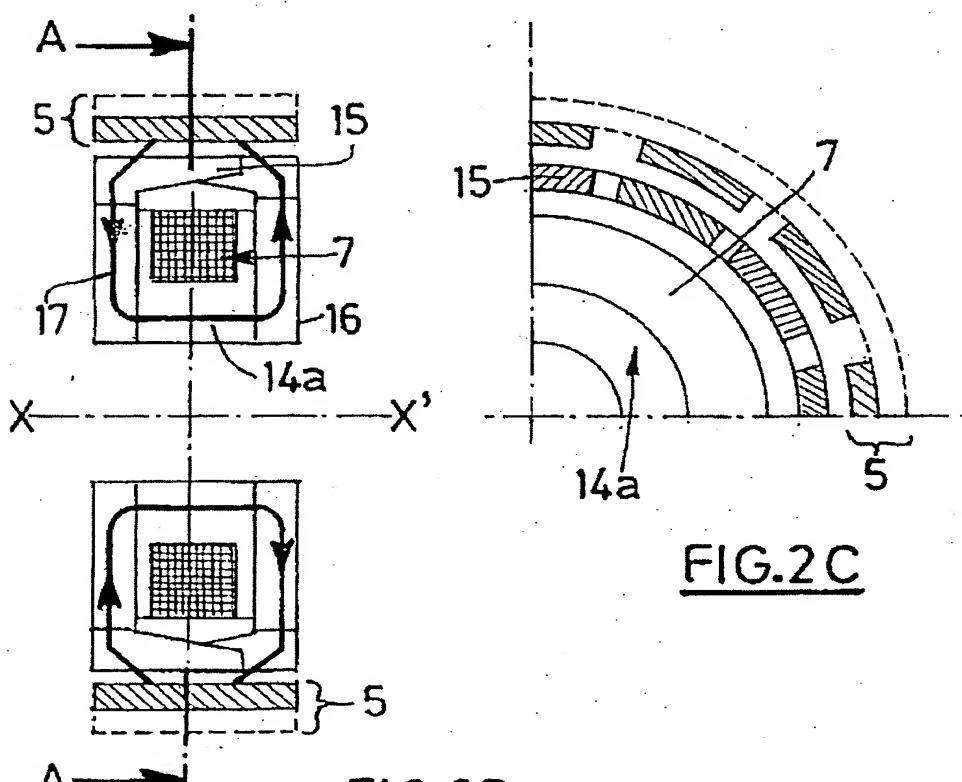
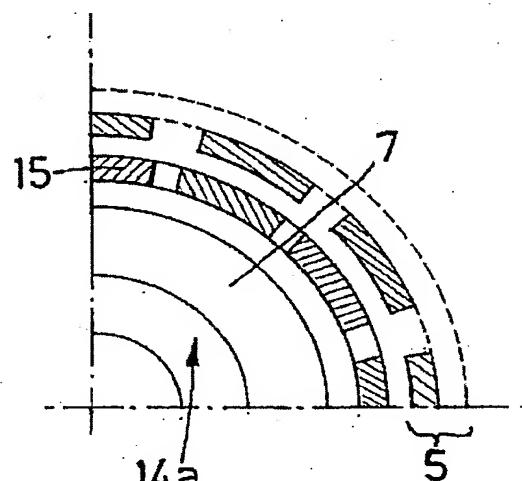
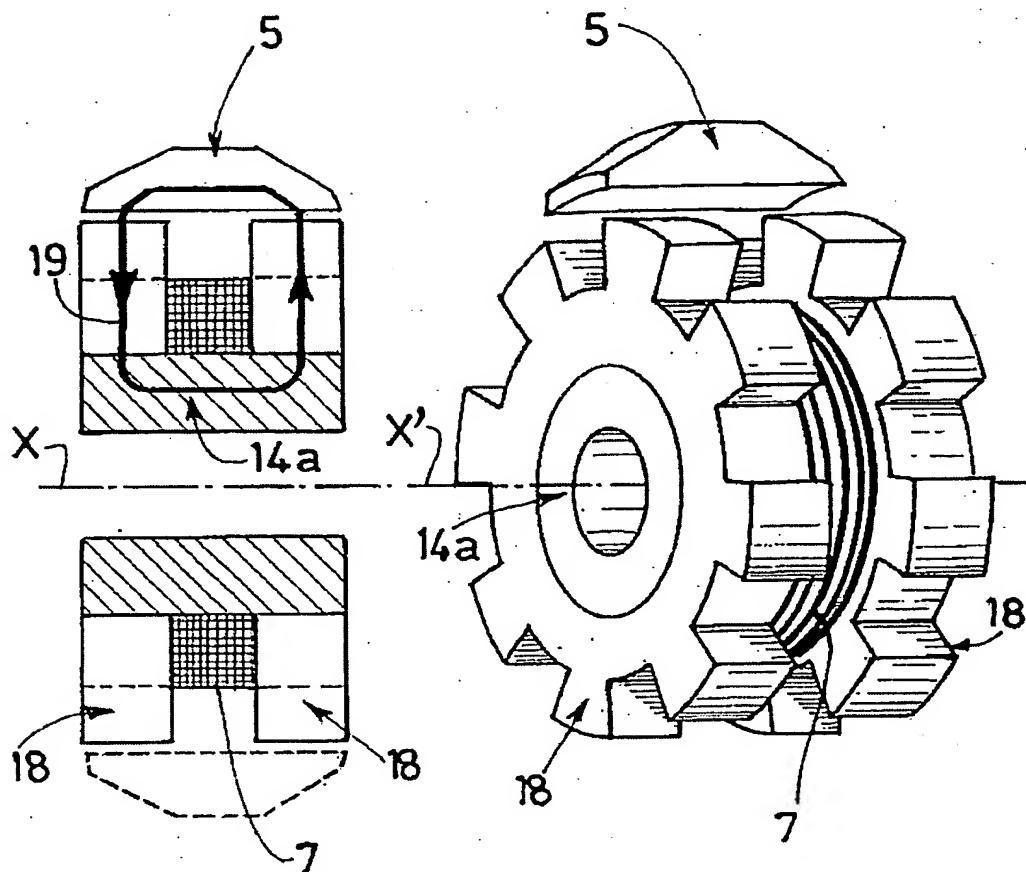


FIG.1A

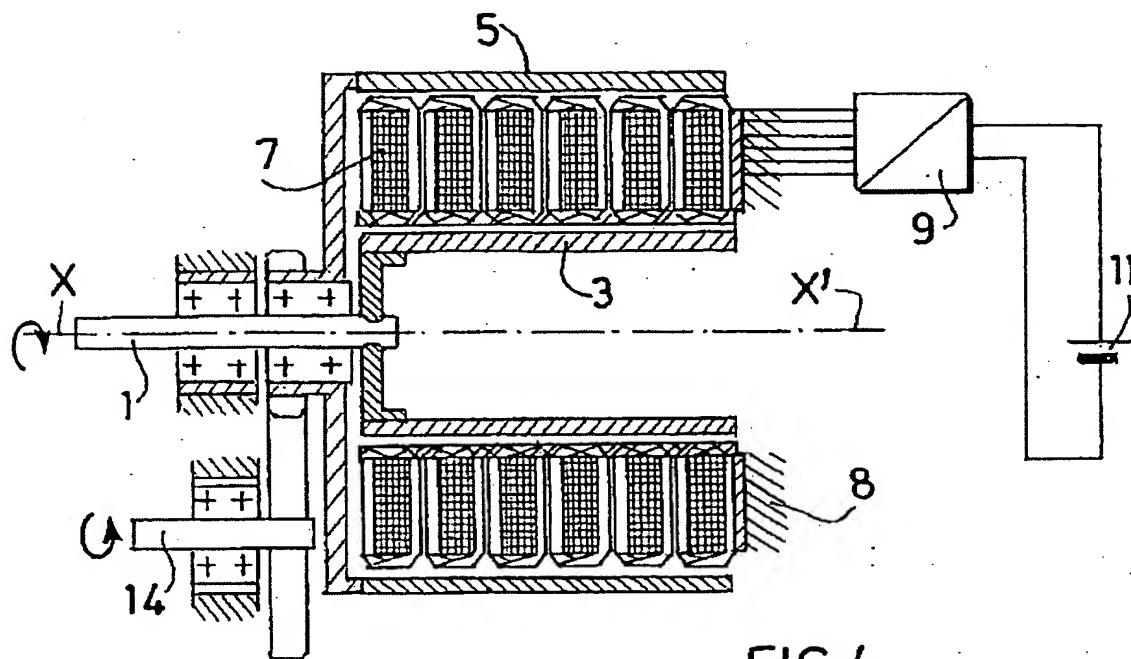
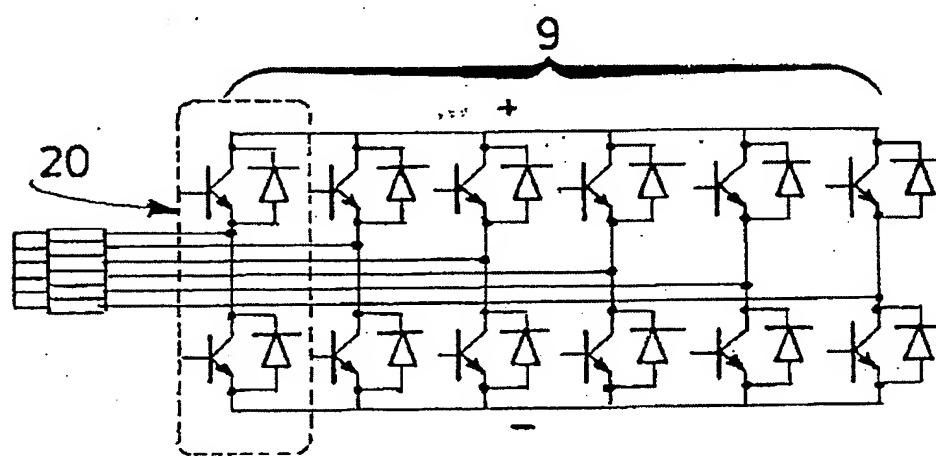
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2/11

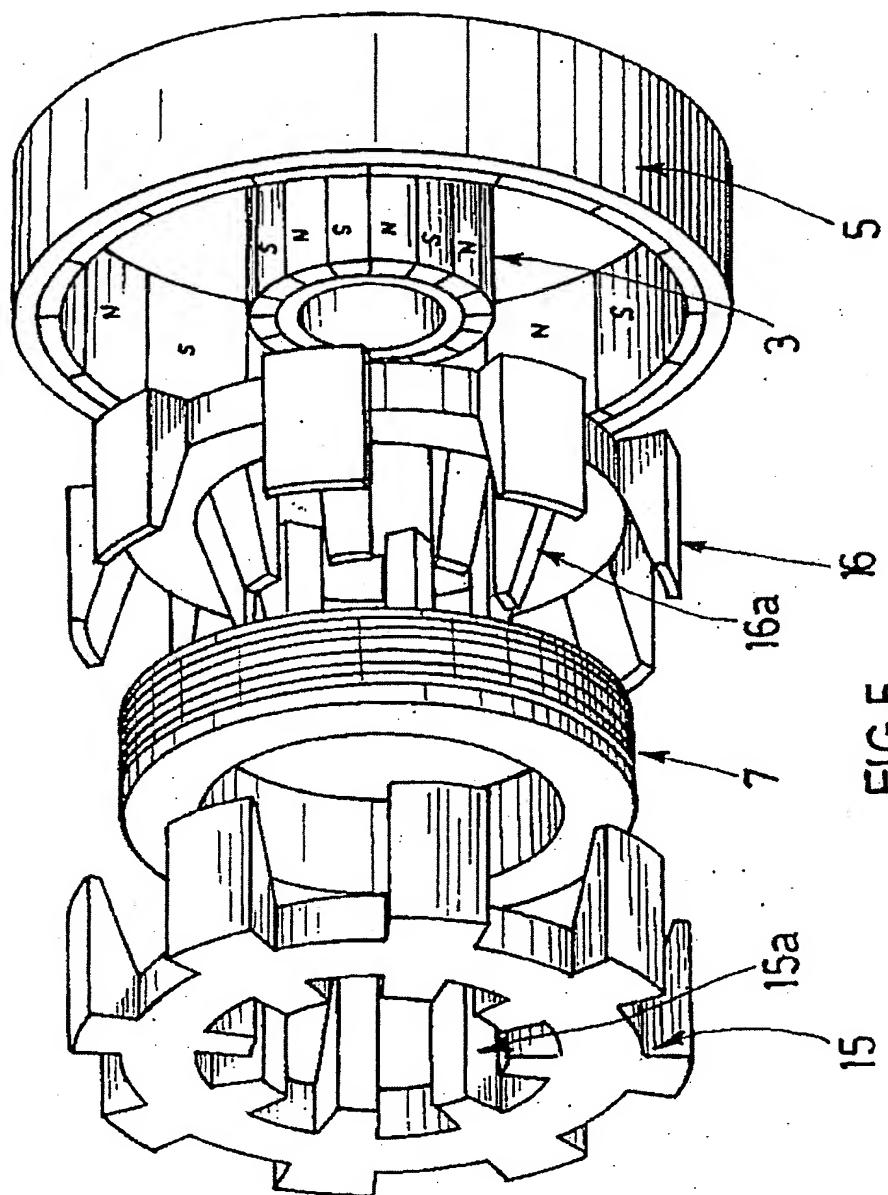
FIG. 2AFIG. 2BFIG. 2C

3/11FIG.3

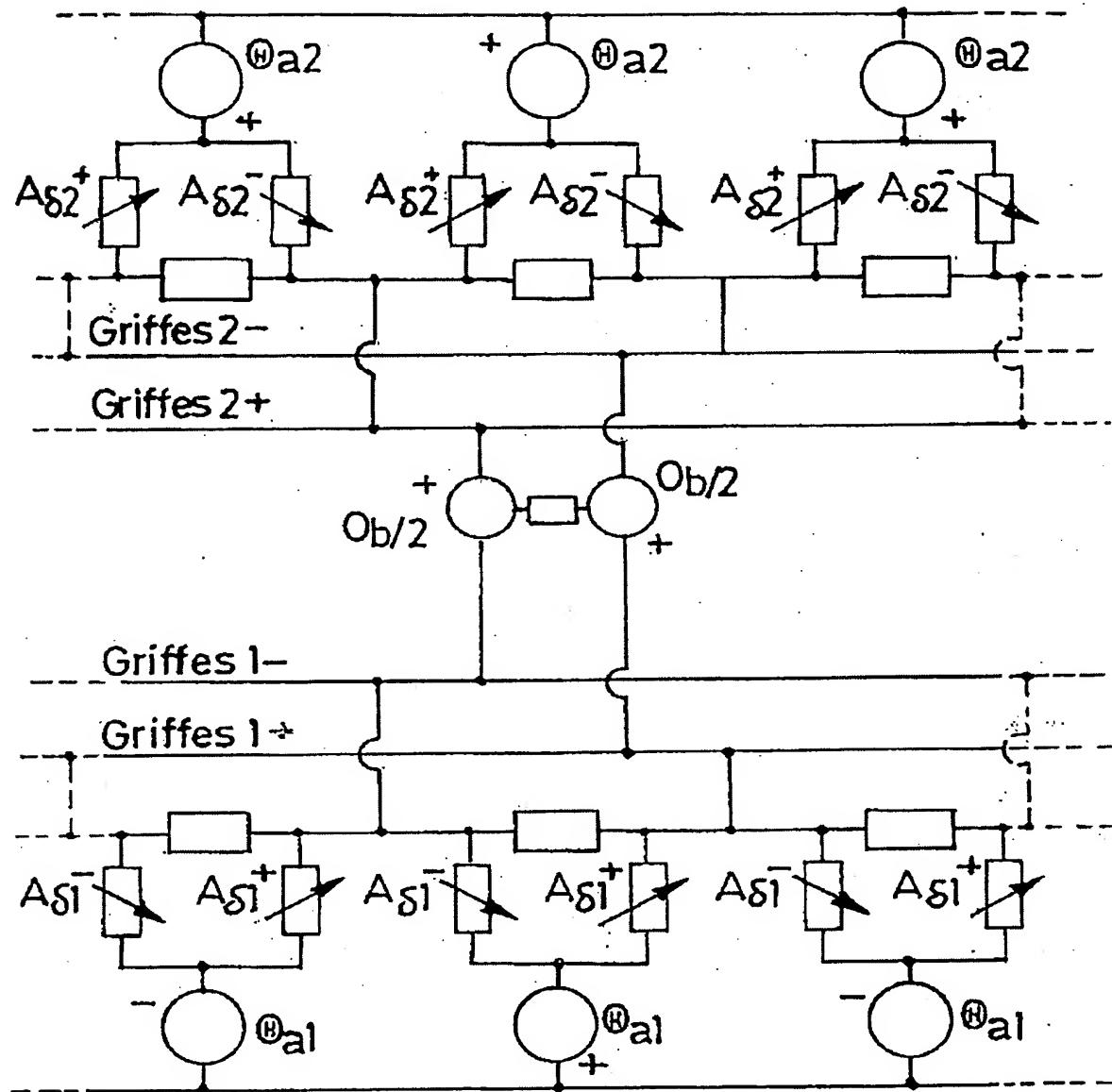
4/11

FIG.4FIG.4A

5/11

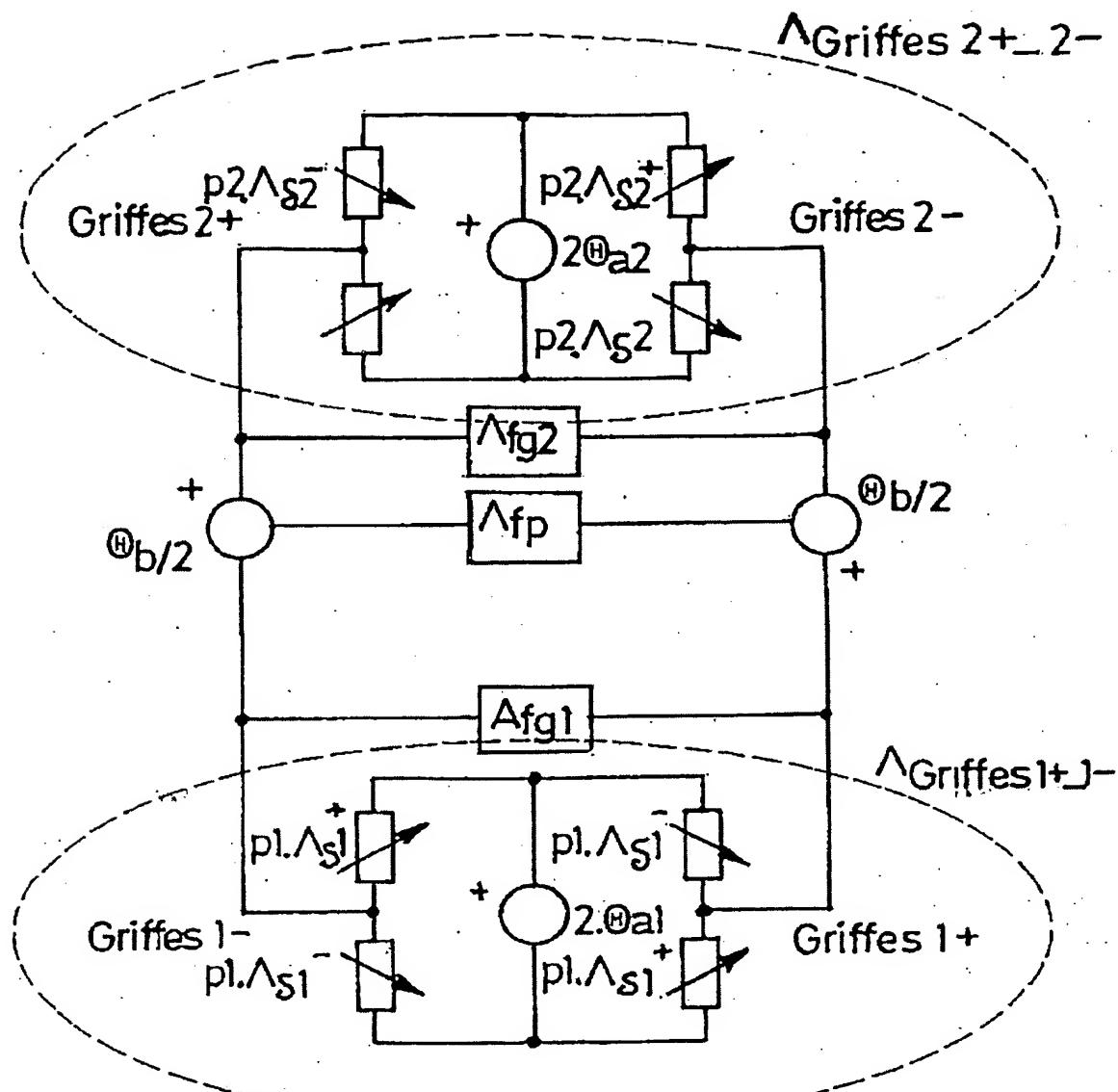


6/11

FIG.6

Griffes = Claws

7/11

FIG.7

Griffes = Claws

8/11
FIG. 8EXAMPLES OF COMPOSITE CURRENT ARRANGEMENTS
PERMITTING CANCELLATION OF THE PULSING CURRENTS:

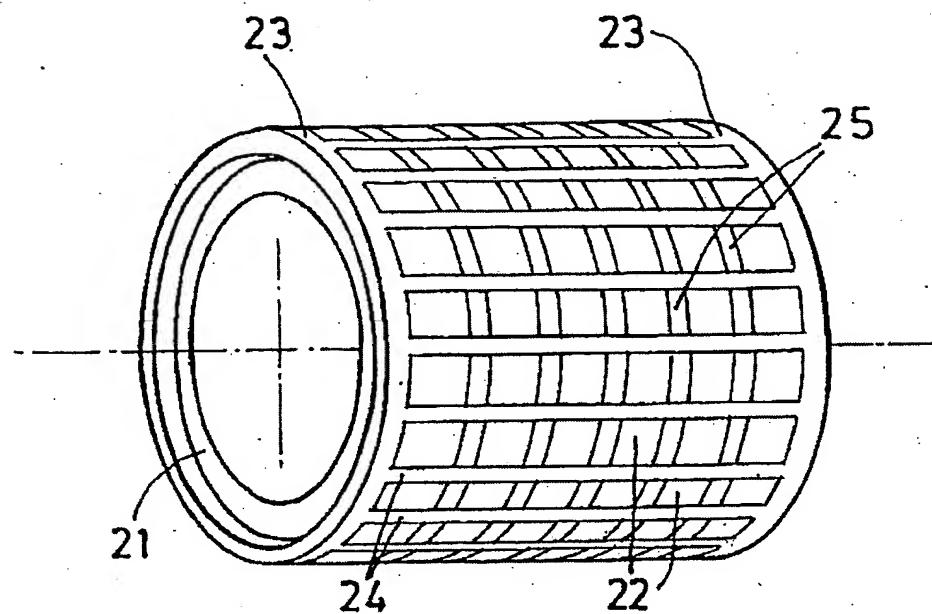
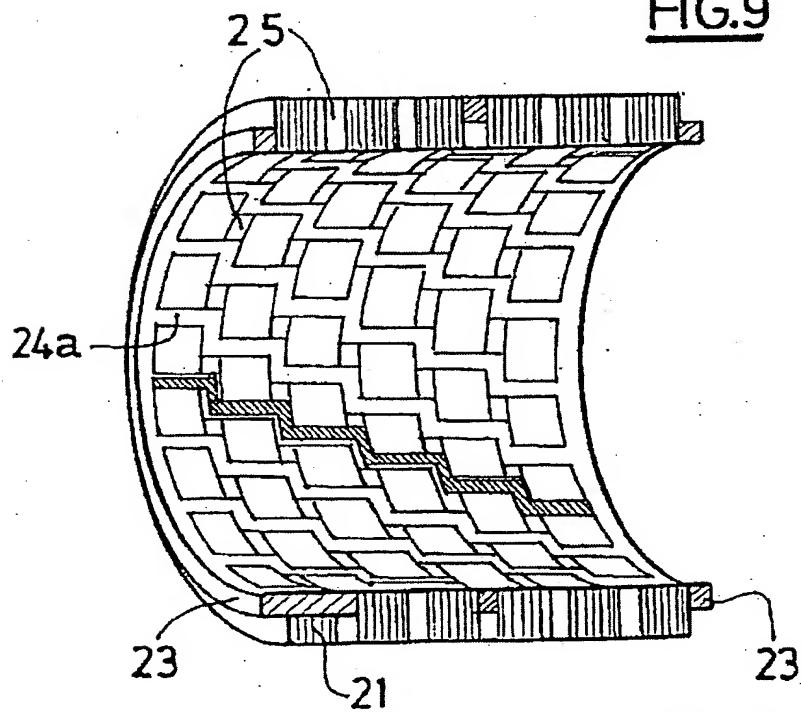
n	n	n	k = n/n1	k = n/n2	Number of arms of the inverter
6	3	6	2	1	6
8	4	8	2	1	8
9	3	9	3	1	9
12	3	4	4	3	12
etc.					

where n: number of pancake coils

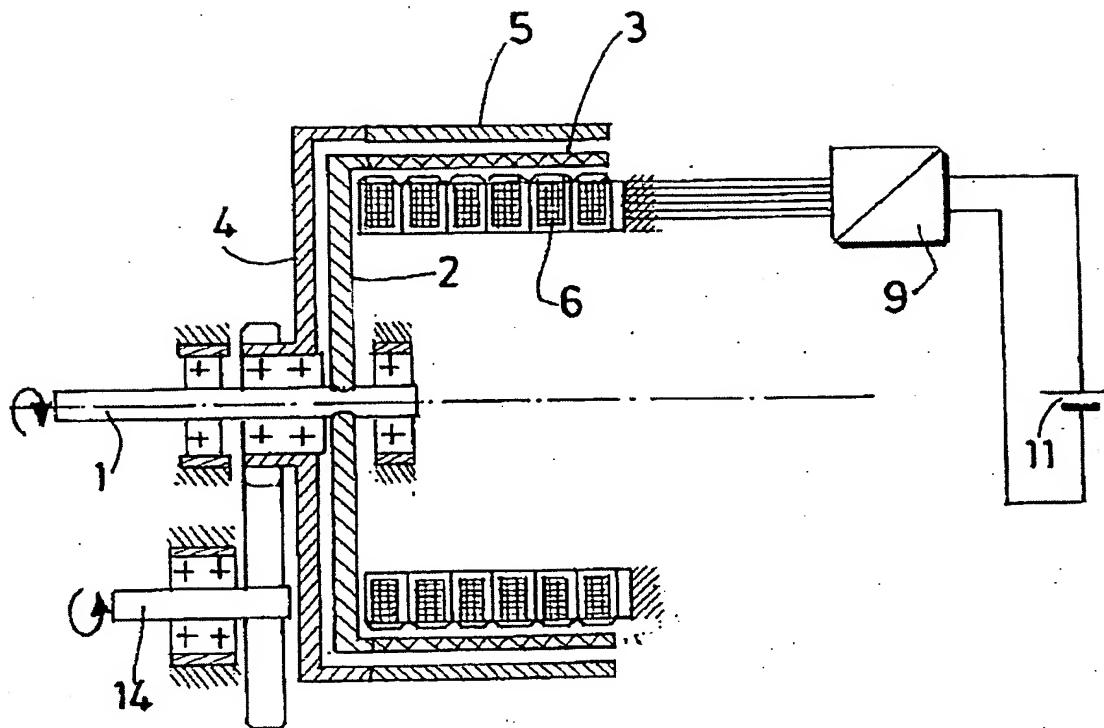
n1: number of phases in air gap 1

n2: number of phases in air gap 2

9 / 11

FIG.9FIG.10

10/11

FIG.11

11/11

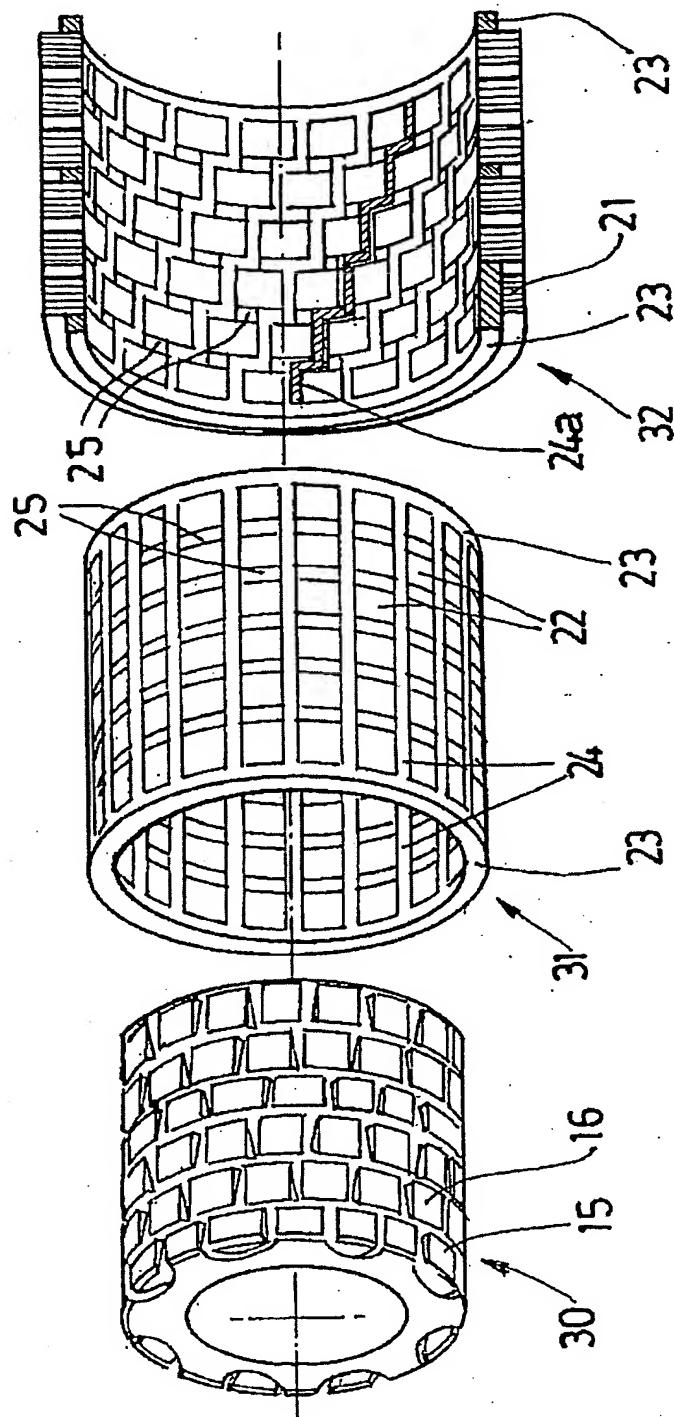


FIG. 12

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